



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 12 1997

OFFICE OF CONGRESSIONAL
AND LEGISLATIVE AFFAIRS

The Honorable Thomas J. Bliley
Chairman Committee on Commerce
House of Representatives
Washington, D.C. 205 15

Dear Mr. Chairman:

I am responding to your request of July 9, 1997 for a "list of those counties that EPA currently believes would not meet the revised **PM2.5** and ozone standards."

Please find enclosed a list of counties that based on 1993 - 1995 monitoring data would not have attained EPA's updated ozone air quality standard. Actual attainment designations will be based on the most recent three years of quality assured ozone data available for each area. In fact, EPA believes that the vast majority of areas that would not currently meet the updated ozone standard would be able to do so without additional new local measures under a regional plan to address transported air pollution.

Also enclosed is a list of counties that based on 1993 - 1995 monitoring data may not have attained EPA's new **PM2.5** air quality standard. This list is based on an analysis of monitored **PM10** data and is therefore subject to significant uncertainty. Actual attainment designation decisions will be based on the most recent three years of quality assured **PM2.5** monitoring data.

The Agency believes that these updated air quality standards combined with a flexible, common-sense implementation package can provide for both cleaner air and continued economic progress. I hope you find this information helpful.

Sincerely,

A handwritten signature in black ink, which appears to read "Julie M. Anderson", is positioned above the typed name.

Julie M. Anderson
Acting Associate Administrator

Table 1
COUNTIES NOT **MEETING ALTERNATIVE OZONE STANDARD**
0.08 PPM, 8-HR, **4TH MAXIMUM** CONCENTRATION

<u>State</u>	<u>county</u>
AL	CLAY co
AL	JEFFERSON CO
AL	MADISON CO
AL	SHELBY CO
AZ	MARICOPA CO
AR	CRITTENDEN CO
CA	ALAMEDA CO
CA	AMADOR CO
CA	CALAVERAS co
CA	EL DORADO CO
CA	FRESNO CO
CA	IMPERIAL CO
CA	KERN co
CA	KINGS CO
CA	LOS ANGELES CO
CA	MADERA CO
CA	MARIPOSA CO
CA	MERCED CO
CA	NEVADA CO
CA	ORANGE CO
CA	PLACER CO
CA	RIVERSIDE CO
CA	SACRAMENTO CO
CA	SAN BERNARDINO CO
CA	SAN DIEGO CO
CA	SAN JOAQUIN CO
CA	SANTA BARBARA CO
CA	SANTACLARACO
CA	STANISLAUS CO
CA	TEHAMA CO
CA	TULARE CO
CA	TUOLUMNE CO
CA	VENTURA co
CT	FAIRFIELD CO

This list is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.

Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, 8-HR, 4TH MAXIMUM CONCENTRATION

<u>State</u>	<u>county</u>
CT	HARTFORD CO
CT	LITCHFIELD CO
CT	MIDDLESEX CO
CT	NEW HAVEN CO
CT	NEW LONDON CO
CT	TOLLAND CO
DE	KENT co
DE	NEW CASTLE CO
DE	SUSSEX co
DC	WASHINGTON
FL	ESCAMBIA CO
GA	DE KALB CO
GA	DOUGLAS CO
GA	FULTON CO
GA	GWINNETT CO
GA	RICHMOND CO
GA	ROCKDALE CO
IL	COOK co
IL	KANE co
IL	LAKE co
IL	MADISON CO
IN	ALLEN CO
IN	CLARK co
IN	FLOYD CO
IN	HAMILTON CO
IN	HANCOCK co
IN	KOSCIUSKO co
IN	LAKE CO
IN	LA PORTE CO
IN	MADISON CO
IN	MARION CO
IN	PORTER CO
IN	ST JOSEPH CO
IN	TIPPECANOE CO

This list is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.

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COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, 8-HR, 4TH MAXIMUM CONCENTRATION

State	County
IN	VANDEBURGH CO
IN	WARRICK co
KY	BOYD CO
KY	BULLITT CO
KY	CAMPBELL CO
KY	CHRISTIAN CO
KY	DAVIESS CO
KY	FAYETTE CO
KY	GREENUP CO
KY	HANCOCK CO
KY	HARDIN CO
KY	HENDERSON CO
KY	JEFFERSON CO
KY	KENTON CO
KY	LAWRENCE CO
KY	LIVINGSTON CO
KY	MC LEAN CO
KY	OLDHAM CO
KY	SCOTT CO
LA	ASCENSION PAR
LA	CALCASIEU PAR
LA	EAST BATON ROUGE PAR
LA	IBERVILLE PAR
LA	LAFAYETTE PAR
LA	LAFORCHE PAR
LA	LIVINGSTON PAR
ME	CUMBERLAND CO
ME	KNOX co
ME	SAGadahoc CO
ME	YORK CO
MD	ANNE ARUNDEL CO
MD	BALTIMORE CO
MD	CARROLL co
MD	CECIL CO

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Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
 0.08 PPM, **8-HR, 4TH** MAXIMUM CONCENTRATION

State	county
MD	CHARLES co
MD	HARFORD co
MD	KENT co
MD	MONTGOMERY CO
MD	PRINCE GEORGES CO
MD	BALTIMORE
MA	BARNSTABLE CO
MA	BRISTOL CO
MA	ESSEX CO
MA	HAMPDEN CO
MA	HAMPSHIRE CO
MA	MIDDLESEX CO
MA	WORCESTER CO
MI	ALLEGAN CO
MI	BENZIE CO
MI	BERRIEN CO
MI	CASS CO
MI	KENT co
MI	LENAWEECO
MI	MACOMB co
MI	MASON CO
MI	MUSKEGON CO
MI	ST CLAIR CO
M I	WAYNE CO
MS	HANCOCK co
MO	CLAY co
MO	JEFFERSON CO
MO	ST CHARLES CO
MO	ST LOUIS CO
NH	HILLSBOROUGH CO
NH	ROCKINGHAM CO
NJ	ATLANTIC CO
NJ	BERGEN CO
NJ	CAMDEN CO

This list is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.

Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, 8-HR, 4TH MAXIMUM CONCENTRATION

State	county
NJ	CUMBERLAND CO
NJ	ESSEX CO
NJ	GLOUCESTER CO
NJ	HUDSON CO
NJ	HUNTERDONCO
NJ	MERCER CO
NJ	MIDDLESEX CO
NJ	MONMOUTH CO
NJ	MORRIS CO
NJ	OCEAN co
NJ	UNION CO
NY	BRONX CO
NY	DUTCHESS CO
NY	ESSEX CO
NY	JEFFERSON CO
NY	KINGS CO
NY	NIAGARA CO
NY	ORANGE CO
NY	PUTNAM CO
NY	QUEENS CO
NY	RICHMOND CO
NY	SUFFOLK CO
NY	WAYNE CO
NY	WESTCHESTER CO
NC	CASWELL CO
NC	CHATHAMCO
N C	CUMBERLANDCO
N C	DURHAM CO
NC	FORSYTH CO
NC	FRANKLIN CO
NC	GRANVILLE CO
NC	GUILFORD CO
NC	HAYWOOD CO
NC	JOHNSTON CO

This list is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.

Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, **8-HR, 4TH MAXIMUM** CONCENTRATION

<u>State</u>	<u>County</u>
NC	LINCOLN CO
NC	MECKLENBURG CO
NC	NORTHAMPTON CO
NC	ROWAN CO
NC	WAKE co
NC	YANCEY CO
OH	ALLEN co
OH	ASHTABULA CO
OH	BUTLER CO
OH	CLARK co
OH	CLERMONT CO
OH	CLINTON CO
OH	CUYAHOGA CO
OH	FRANKLIN CO
OH	HAMILTON CO
OH	JEFFERSON CO
OH	KNOX co
OH	LAKE co
OH	LAWRENCE CO
OH	LICKING CO
OH	LOGAN CO
OH	LUCAS CO
OH	MADISON CO
OH	MAHONING CO
OH	MEDINA CO
OH	MONTGOMERY CO
OH	PORTAGE CO
O H	STARK CO
OH	SUMMIT CO
OH	TRUMBULL CO
OH	WARREN CO
OH	WASHINGTON CO
OK	TULSA CO
PA	ALLEGHENY CO

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Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, 8-HR, 4TH MAXIMUM CONCENTRATION

<u>State</u>	<u>county</u>
PA	BEAVERCO
PA	BERKS CO
PA	BLAIR CO
PA	BUCKS CO
PA	CAMBRIA CO
PA	DAUPHIN CO
PA	DELAWARE CO
PA	ERIE CO
PA	LACKAWANNA CO
PA	LANCASTER CO
PA	LEHIGH CO
PA	LUZERNE CO
PA	MERCER CO
PA	MONTGOMERY CO
PA	NORTHAMPTON CO
PA	PERRY CO
PA	PHILADELPHIA CO
PA	WASHINGTON CO
PA	WESTMORELAND co
PA	YORK co
RI	KENT CO
RI	PROVIDENCE CO
SC	ANDERSON CO
SC	CHESTER CO
SC	RICHLAND CO
SC	YORK co
T N	ANDERSON CO
TN	BLOUNT CO
TN	DICKSON CO
TN	HAMILTON CO
TN	JEFFERSON CO
TN	KNOX co
TN	MADISON CO
TN	SEVIER CO

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Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, 8-HR, 4TH MAXIMUM CONCENTRATION

State	county
TN	SHELBY CO
TN	SULLIVAN co
TN	SUMNERCO
TN	WILLIAMSON CO
TX	BEXAR CO
TX	BRAZORIA CO
TX	COLLIN CO
TX	DALLAS CO
T X	DENTON CO
TX	EL PASO CO
TX	GALVESTON CO
TX	GREGG CO
TX	HARRIS co
TX	JEFFERSON CO
TX	ORANGE CO
TX	SMITH CO
TX	TARRANT CO
TX	TRAVIS CO
UT	SALT LAKE CO
VA	ARLINGTON CO
VA	CAROLINE co
VA	CHARLES CITY CO
VA	CHESTERFIELD CO
VA	FAIRFAX CO
VA	HANOVER CO
VA	HENRICO CO
VA	PRINCE WILLIAM CO
VA	STAFFORD CO
VA	ALEXANDRIA
VA	HAMPTON
VA	SUFFOLK
WV	CABELL CO
WV	WOOD CO
WI	DOOR CO

This list is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.

Table 1
COUNTIES NOT MEETING ALTERNATIVE OZONE STANDARD
0.08 PPM, 8-HR, 4TH MAXIMUM CONCENTRATION

<u>State</u>	<u>county</u>
WI	KENOSHA co
WI	KEWAUNEE CO
WI	MANITOWOC CO
WI	MILWAUKEE CO
WI	OUTAGAMIE CO
WI	OZAUKEE CO
WI	RACINE co
WI	SHEBOYGAN CO

This list is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.

Table 2

COUNTIES NOT MEETING EPA'S PROPOSAL $PM_{2.5}$ STANDARDS
 24-hour - 65 ug/m³, 98th percentile;
 annual arithmetic mean - 15.0 ug/m³, spatial average
 (BASED ON 1993-95 DATA)

<u>STATE</u>	<u>COUNTY</u>
AK	ANCHORAGE BOROUGH
AL	ESCAMBIA CO
AL	ETOWAH CO
AL	MOBILE CO
AZ	MARICOPA CO
AZ	SANTA CRUZ CO
AR	ARKANSAS CO
CA	FRESNO CO
CA	IMPERIAL CO
CA	INYO co
CA	KERN CO
CA	KINGS CO
CA	LOS ANGELES CO
CA	MADERA CO
CA	MERCED CO
CA	ORANGE CO
CA	RIVERSIDE CO
CA	SAN BERNARDINO CO
CA	SAN JOAQUIN CO
CA	TULARE CO
DE	NEW CASTLE CO
GA	WASHINGTON CO
IL	COOK CO
IL	DU PAGE CO
IL	LA SALLE CO
IL	MACON CO
IL	MADISON CO
IL	RANDOLPH CO
IL	ROCK ISLAND CO
IL	ST CLAIR CO
IL	WILL co
IN	CLARK co
IN	DUBOIS CO
IN	MADISON CO
IN	MARION CO

This list is derived from a prediction of $PM_{2.5}$ levels based on analysis of monitored $PM_{2.5}$ data and is, therefore, subject to significant uncertainty. Actual designations for nonattainment will be based on 3 years o'f Federal Reference Monitor data for $PM_{2.5}$.

Table 2

COUNTIES NOT MEETING EPA'S PROPOSAL $PM_{2.5}$ STANDARDS
 24-hour - 65 ug/m³, 98th percentile;
 annual arithmetic mean - 15.0 ug/m³, spatial average
 (BASED ON 1993-95 DATA)

<u>STATE</u>	<u>COUNTY</u>
IN	VANDERBURGH CO
IN	VERMILLION CO
IN	VIGO CO
IA	BLACK HAWK CO
IA	CERRO GORDO CO
IA	CLINTON CO
IA	POLK CO
IA	SCOTT co
KS	JOHNSON CO
KS	SEDGWICK CO
KS	WYANDOTTE CO
KY	BELL CO
KY	BOYD CO
KY	CAMPBELL CO
KY	DAVIESS CO
KY	FLOYD CO
KY	HARLAN co
KY	HENDERSON CO
KY	JEFFERSON CO
KY	KENTON CO
KY	LAWRENCE CO
KY	MARSHALL CO
KY	PERRY CO
LA	OUACHITA PAR
MD	ANNE ARUNDEL CO
MD	BALTIMORE CO
MD	CECIL CO
MD	BALTIMORE
MI	MONROE CO
MI	WAYNE CO
MO	BUCHANAN CO
MO	JACKSON CO
MO	JEFFERSON CO
MO	ST LOUIS CO
MO	ST LOUIS

This list is derived from a prediction of $PM_{2.5}$ levels based on analysis of monitored $PM_{2.5}$ data and is, therefore, subject to significant uncertainty. Actual designations for nonattainment will be based on 3 years of Federal Reference Monitor data for $PM_{2.5}$.

Table 2

COUNTIES NOT MEETING EPA'S PROPOSAL $PM_{2.5}$ STANDARDS
 24-hour - 65 ug/m³, 98th percentile;
 annual arithmetic mean - 15.0 ug/m³, spatial average
 (BASED ON 1993-95 DATA)

<u>STATE</u>	<u>COUNTY</u>
NE	BUFFALO CO
NE	CASS CO
NE	DAWSON CO
NE	DOUGLAS CO
NE	LANCASTER CO
NE	OTOE CO
NJ	ATLANTIC CO
NJ	BERGEN CO
NJ	CAMDEN CO
NJ	ESSEX co
NJ	GLOUCESTER CO
NJ	HUDSON CO
NJ	MERCER CO
NJ	PASSAIC CO
NJ	UNION CO
NJ.	WARREN co
NY	BRONX CO
NY	KINGS CO
NY	NEW YORK co
NY	PUTNAM co
NY	RICHMOND CO
NC	MITCHELL CO
OH	ALLEN co
OH	BELMONT CO
OH	BUTLER CO
OH	COLUMBIANA CO
OH	CUYAHOGA CO
OH	FRANKLIN CO
OH.	HAMILTON CO
OH	HANCOCK CO
OH	JEFFERSON CO
OH	LAKE CO
OH	LAWRENCE CO
OH	LORAIN CO
OH	LUCAS CO

This list is derived from a prediction of $PM_{2.5}$ levels based on analysis of monitored $PM_{2.5}$ data and is, therefore, subject to significant uncertainty. Actual designations for nonattainment will be based on 3 years of Federal Reference Monitor data for $PM_{2.5}$.

Table 2

COUNTIES NOT MEETING EPA'S PROPOSAL $PM_{2.5}$ STANDARDS
 24-hour - 65 ug/m³, 98th percentile;
 annual arithmetic mean - 15.0 ug/m³, spatial average
 (BASED ON 1993-95 DATA)

<u>STATE</u>	<u>COUNTY</u>
OH	MAHONING CO
OH	NOBLE CO
OH	RICHLAND CO
OH	SANDUSKY co
OH	SCIOTO CO
OH	STARK CO
OH	TRUMBULL CO
OH	WYANDOTCO
OK	COMANCHE co
OK	KAY co
OK	MUSKOGEE CO
OK	TULSA CO
OR	LANE co
PA	ALLEGHENY CO
PA	BERKS CO
PA	BUCKS CO
PA	CAMBRIA CO
PA	DELAWARE CO
PA	ERIE CO
PA	LACKAWANNA CO
PA	LANCASTER CO
PA	LAWRENCE CO
PA	LUZERNE CO
PA	LYCOMING CO
PA	MERCER CO
PA	PHILADELPHIA CO
PA	WESTMORELAND co
PA	YORK co
SD	PENNINGTON CO
TN	BLOUNT CO
TN	DAVIDSON CO
TN	HAMILTON CO
TN	KNOX co
TN	MC MINN CO
TN	SULLIVAN co

This list is derived from a prediction of $PM_{2.5}$ levels based on analysis of monitored $PM_{2.5}$ data and is, therefore, subject to significant uncertainty. Actual designations for nonattainment will be based on 3 years of Federal Reference Monitor data for $PM_{2.5}$.

Table 2

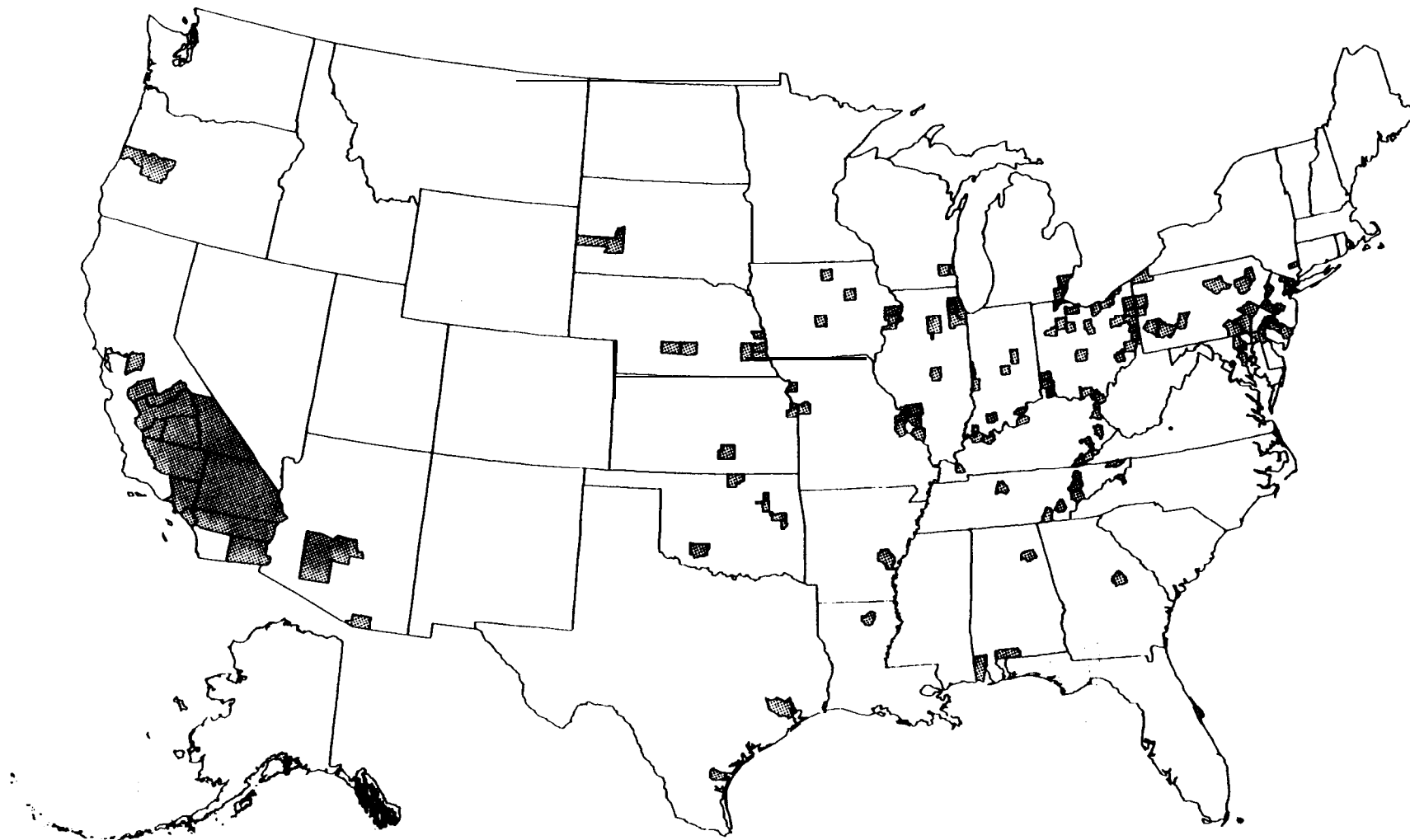
COUNTIES NOT MEETING EPA'S PROPOSAL $PM_{2.5}$ STANDARDS
 24-hour - 65 ug/m³, 98th percentile;
 annual arithmetic mean - 15.0 ug/m³, spatial average
 (BASED ON 1993-95 DATA)

<u>STATE</u>	<u>COUNTY</u>
TN	UNION CO
TX	HARRIS co
TX	NUECES co
VA	BRISTOL
VA	ROANOKE
WV	BROOKE CO
WV	HANCOCK co
WV	OHIO CO
WI	MILWAUKEE CO
WI	WAUKESHA CO

This list is derived from a prediction of $PM_{2.5}$ levels based on analysis of monitored $PM_{2.5}$ data and is, therefore, subject to significant uncertainty. Actual designations for nonattainment will be based on 3 years of Federal Reference Monitor data for $PM_{2.5}$.

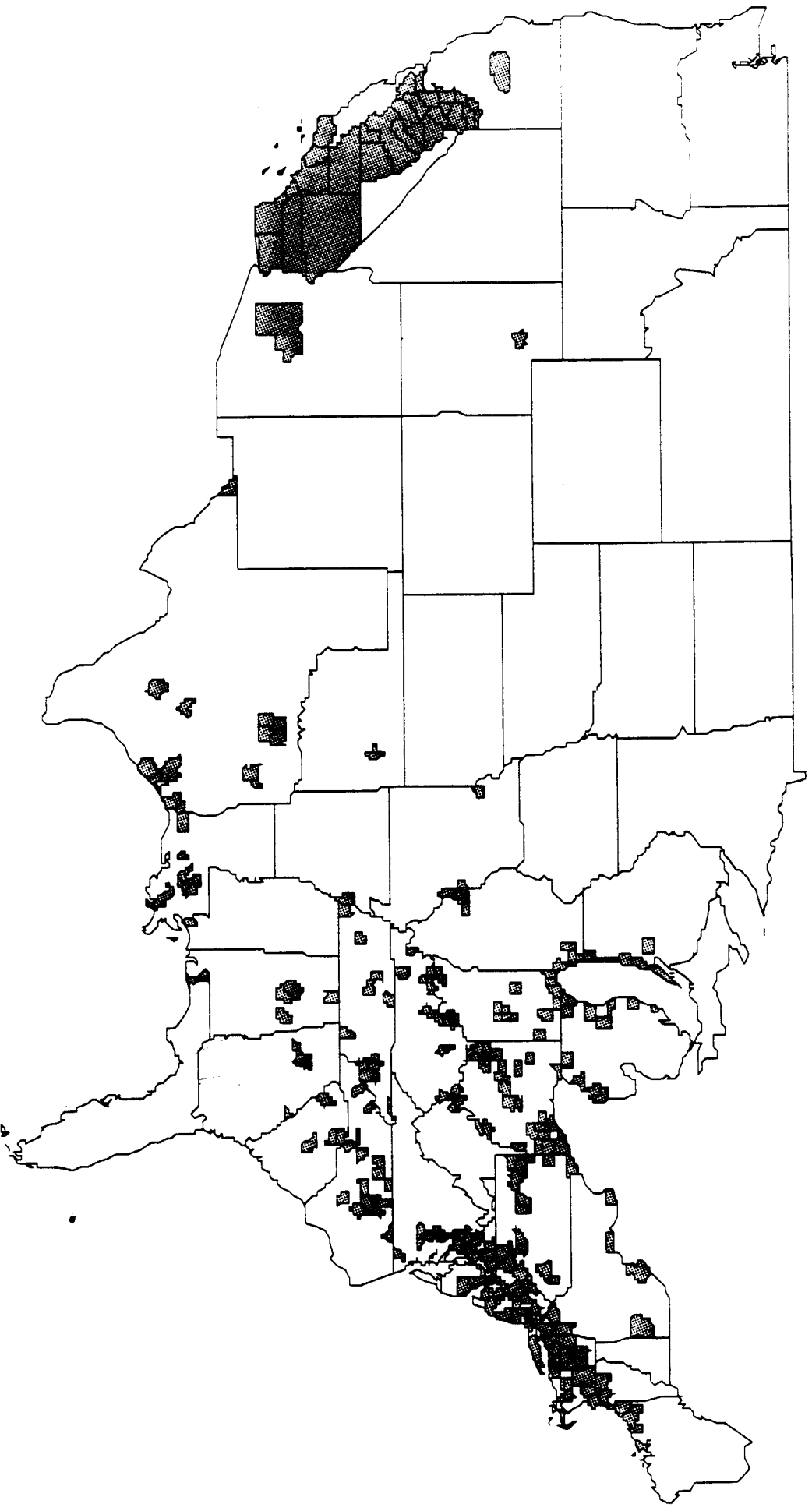
Counties Potentially not Meeting PM 2.5 Standards

(24-hour, 98th percentile concentration, 65.0 $\mu\text{g}/\text{m}^3$; annual arithmetic mean, spatial average, 15.0 $\mu\text{g}/\text{m}^3$)



CAUTION: These PM_{2.5} data are derived from monitored PM₁₀ data from 1993 to 1995 and subject to significant uncertainty. Any conclusions, especially with respect to particular counties should take into account this uncertainty. Actual designations for nonattainment will be based on 3 years of Federal Reference Monitor data for PM_{2.5}

Counties Potentially not Meeting Ozone Standard **(0.08 ppm, 8-hour, 4th Maximum Concentration)**



This map is based on measured air quality data from 1993 to 1995. When designations of nonattainment are made in two to three years they will be made on the most recent three years of quality assured data available for each area.